CURRENCY CONVERTER

CASIO CV-700

INSTRUCTION MANUAL
MANUAL DE INSTRUCCION

(英) (西) OH0902015D Printed in Japan

ENGLISH

Thank you very much for your selection of the Casio CURRENCY CONVERTER CV-700 calculator. In order to ensure proper operation of this marvel of electronics engineering, be sure to carefully read this manual and follow the instructions contained herein. Keep this manual on hand for later reference.

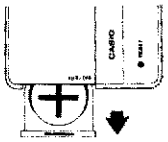
PRECAUTIONS

- This unit is constructed of precision electronic components and therefore should not be exposed to temperature extremes, sudden temperature changes, bending, twisting, or strong impacts.
- The battery should be removed from the unit if it becomes exhausted. Be sure to replace the battery every two years regardless of how much it is used to avoid the chance of malfunctions due to battery leakage. Never allow batteries to be incinerated.
- Note that the manufacturer assumes no responsibility for any loss or claims by third parties which may arise through use of this unit.
- Note that the manufacturer assumes no responsibility for any damages incurred as a result of data loss caused by malfunctions, repairs or battery replacements. Physical records of important data should be prepared to protect against such data losses.
- Always perform calculations by pressing the correct keys while monitoring results on the display.

BATTERY REPLACEMENT

- **Note that either battery replacement or the reset operation will erase all data stored in the unit. Important data should be copied down on paper in advance of these operations.**
- This unit is powered by one lithium battery (CR2016).
- The following procedure should be performed when the display of the unit becomes difficult to read:
  1) Press the [OFF] key to turn the power of the unit OFF.
  2) Pull out the battery holder as illustrated.
  3) Remove the old battery.
  4) Press the reset button (•RESET) on the back of the unit with a thin, pointed object for at least 4 seconds.
  5) Wipe the surfaces of new battery with a soft, dry cloth and load it into the holder so that the positive pole ⊕ is facing upwards.
  6) Insert the battery holder back into the unit until it snaps into place.
  7) Firmly press the reset button again. Note that this operation will erase all data stored in the unit.

  ***The operation in step 7 should cause the decimal mode to be set to "F", and "0." to appear on the display. Should this fail, repeat step 7. Should it fail again, repeat steps 1 through 7.**



IMPORTANT
Keep batteries out of the reach of small children. Contact a physician immediately if inadvertently swallowed.

AUTO POWER OFF FUNCTION

The power of the unit is automatically switched off approximately 6 minutes after the last key operation. Once this occurs, power can be restored by pressing the [AC/ON] key. Both stored data and memory contents are maintained when power is switched off by the auto power off function or by pressing the [OFF] key.

CURRENCY CONVERSION FUNCTION

The currency conversion function of this unit allows storage of up to 10 rates (m0—m9) for instant conversion of dollars to pounds, pounds to francs, etc. This function has wide applications for travel, business trips, or any other international transactions.

CONVERSION SETTINGS

After setting the two currencies to be converted, set the conversion rate. Data entry should be performed in the format: Left segment (CURRENCY #1) : Right segment (CURRENCY #2) = 1: RATE

Ex.) Set $ ▶ ¥170 ($1 = ¥170) to memory 0 (m0).

1) First press the [LOOK/SHIFT] key ("LOOK" displayed) and then the [%/M-SET] key to specify the SET mode ("SET" displayed).

With each press of [LOOK/SHIFT], [%/M-SET], the mode switches between the NORMAL and SET modes.

Right segment (CURRENCY #2)

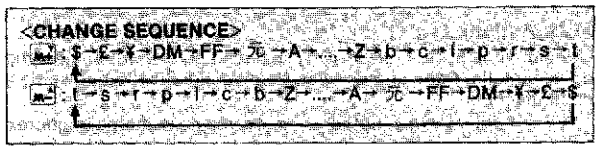
Left segment (CURRENCY #1)

* Confirm that the ■ mark on the right side of the display is indicating "F". If this mark is not indicating "F", refer to the section titled "DECIMAL MODE".

2) Press the [M→] key to display the cursor.

3) Enter the monetary symbol for CURRENCY #1 (up to three characters). With each press of the [M+] key, the entered characters change in the sequence:
$→£→¥→DM→FF→元→A→....→Z→b→c→I→p→r→s→t→$....
Pressing the [M-] key changes in the characters in reverse sequence.

* DM and FF cannot be entered while the cursor is in the last (third) column of each segment.
* Holding down either [M+] or [M-] causes the characters to change at high speed in the respective sequence.
* The [RCL] key can also be used to input spaces.



* $ (dollar), £ (pound), ¥ (yen), DM (Deutsche mark) and FF (French franc) and yuan are all preset. Other currencies can be entered using the characters A—Z, and b—t.

4) Enter the symbol "$" in the first column of the left segment by pressing the [M+] key once.

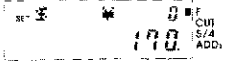
5) Press the [M→] key three times to bring it to the right segment. Then press the [M+] key until the symbol "¥" appears.

6) Next, press the [M→] key (three times for this example) to cancel the cursor display.

7) Now set the conversion rate using the numeric keys ([1] [7] [0] for this example).

* Use the [C] key to clear incorrect input.

8) Once entry of the conversion rate is complete, press the [▶sm] key ("▶" symbol displayed) followed by the [0 m0] key ("▶"disappears from the display and memory number "0" appears). This step completes setting of this item.



9) Repeat the above procedure from step 2) after pressing the [AC] key to set subsequent data items.

10) Once all the desired data items is complete, press [AC] [LOOK/SHIFT] [%/M-SET] to cancel the SET mode, or switch the power of the unit OFF.

* Setting data in a memory that already contains data erases the previous data and stores the newly set data.

DATA CONFIRMATION

Press the [LOOK/SHIFT] key so that the "LOOK" symbol appears on the display. Then press the key for the memory to be recalled ([0 m0] — [9 m9]).

Ex.) [LOOK/SHIFT] [0 m0]

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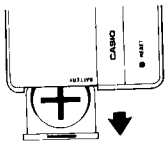

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AUTO POWER OFF FUNCTION

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CURRENCY CONVERSION FUNCTION

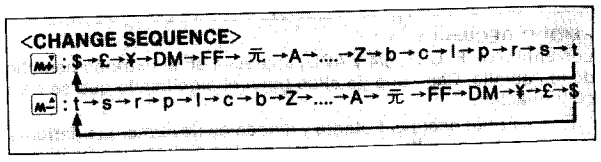
The currency conversion function of this unit allows storage of up to 10 rates (m0—m9) for instant conversion of dollars to pounds, pounds to francs, etc. This function has wide applications for travel, business trips, or any other international transactions.

Pressing the [M−] key changes in the characters in reverse sequence.

* DM and FF cannot be entered while the cursor is in the last (third) column of each segment.

* Holding down either [M+] or [M−] causes the characters to change at high speed in the respective sequence.

* The [BACK] key can also be used to input spaces.



* $ (dollar), £ (pound), ¥ (yen), DM (Deutsche mark) and FF (French franc) and yuan are all preset. Other currencies can be entered using the characters A—Z, and b—t.

4) Enter the symbol "$" in the first column of the left segment by pressing the [M+] key once.

5) Press the [MR] key three times to bring it to the right segment. Then press the [M+] key until the symbol "¥" appears.

6) Next, press the [MR] key (three times for this example) to cancel the cursor display.
7) Now set the conversion rate using the numeric keys ([1] [7] [0] for this example).

* Use the [C] key to clear incorrect input.

8) Once entry of the conversion rate is complete, press the [▶/SET] key ("▶" symbol displayed) followed by the [0/m0] key ("▶"disappears from the display and memory number "0" appears). This step completes setting of this item.

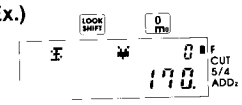
9) Repeat the above procedure from step 2) after pressing the [AC] key to set subsequent data items.
10) Once all the desired data items is complete, press [AC] [LOOK/SHIFT] [%/N/SET] to cancel the SET mode, or switch the power of the unit OFF.

* Setting data in a memory that already contains data erases the previous data and stores the newly set data.

DATA CONFIRMATION

Press the [LOOK/SHIFT] key so that the "LOOK" symbol appears on the display. Then press the key for the memory to be recalled ([0/m0] — [9/m9]).

Ex.) [LOOK/SHIFT] [0/m0]



CONVERSIONS

Try a few conversions using the $1=¥170 rate preset in the previous example. Be sure that the unit is in the NORMAL mode before attempting currency conversion.

Ex. 1) Convert $42.50 to yen.

OPERATION	DISPLAY
AC 42 • 50 SET m0	$ ►¥ 0 7225.

Ex. 2) Convert ¥34,000 to dollars.

OPERATION	DISPLAY
AC 34000 ◄ m0	$ ◄¥ 0 200.

As can be seen above, pressing AC <value> SET <memory key> converts from CURRENCY #1 to CURRENCY #2 according to the rate stored in memory, while AC <value> ◄ <memory key> converts from CURRENCY #2 to CURRENCY #1. Presetting a single rate makes it possible to convert from one currency to another in either direction.

Application) Compute the total value in yen of $35 and £43.
First enter $1=¥170 into m0, and £1=¥265 into m1.

OPERATION	DISPLAY
AC 35 SET m0	"F" $ ►¥ 0 5950.
+	+ 5950.
43 SET m1	£ ►¥ +1 11395.
−	17345.

<DECIMAL MODE>

The symbols F, CUT, 5/4 and ADD$_2$ are noted to the right of the display. These symbols have the following meaning:

- F: The decimal floats and the underflow system works to protect the significant digits.
- CUT: The result is automatically cut off at 2 decimal places, applying floating mode for entry and intermediate result.
- 5/4: The answer is rounded off in way similar to the above.
- ADD$_2$: Numbers with decimal places can be entered without pressing the • key in addition/subtraction, and the decimal point is automatically displayed at the second position.

Each press of the SHIFT RND keys moves the ■ mark on the display among these symbols in the sequence F→CUT→5/4→ADD$_2$→F.

Ex. 1) Convert ¥350 to dollars.

OPERATION	DISPLAY
AC 350 ◄ m0	"F" $ ◄¥ 0 2.0588235
	"CUT" $ ◄¥ 0 2.05
	"5/4" $ ◄¥ 0 2.06

Ex. 2) Convert 78¢ to yen.

OPERATION	DISPLAY
AC 78 SET m0	"ADD$_2$" $ ►¥ 0 132.60

MODIFICATION

1) Press SHIFT %/SET to specify the SET mode.
2) Press the SHIFT key followed by the key for the memory that contains the data to be modified.
3) Press the MR or MC key to display the cursor.
4) Use the MR or MC key to align the cursor with the monetary symbol to be modified. Use the M+ and M− keys to change the monetary symbol characters.
   * Monetary symbol characters are changed in sequence starting from the character currently displayed. For example, pressing M+ when the cursor is located under $ causes £ to be displayed.
5) Moving the cursor to the third column of the right segment and pressing the MR key cancels the cursor display. The cursor can also be canceled by pressing the MC key while the cursor is at the first column of the left segment.
6) Input the conversion rate.
7) Press the SET key to store the modified data into the memory that contained the previous (unmodified) data.
   * Omit steps 3) through 5) to change the conversion rate only.

DELETION

While in the SET mode, press AC SET, followed by the key for the memory which contains the data to be deleted.

CALCULATIONS

- Pressing the C (clear) key cancels the latest numeric entry only.
- Incorrect entry of an operator (+ , − , × , ÷) can be corrected by pressing the key corresponding to the correct operator.
- Pressing the AC (all clear) key cancels an entire entry.
- Pressing the MC (memory clear) key clears memory contents.
- Double entry of an operator (+ , − , × , ÷) makes the numeric value followed by the double entry a constant.
- Besides symbols for each operator, the following indicators also appear on the display:
  M: Numeric value in independent memory
  K: Constant calculation being performed
  E: Error condition
- The error condition is released by pressing the AC or C key.
- Calculations should be performed after first pressing the AC key.
- Calculations should be performed in the NORMAL mode.

CALCULATION EXAMPLES

	AC	0.
53 + 123 − 63 =	53 + 123 − 63 =	113.
963 × (23 − 56) =	23 − 56 × 963 =	−31779.
(56 × 3 − 89) ÷ 5.2 + 63 =	56 × 3 − 89 ÷ 5.2 + 63 =	78.192307
123456 × 741852 =	123456 × 741852 =	E 915.86080
	C	915.86080
	AC	0.
√3 × 5 =	3 √ × 5 =	8.660254
12 + 23 =	23 + + 12 =	K 35.
− 45 + 23 =	45 +/− + =	K −22.
78 + 23 =	78 =	K 101.
7 − 5.6 =	5.6 − − 7 =	K 1.4
2 − 5.6 =	2 =	K −3.6
2.3 × 12 =	12 × × 2.3 =	K 27.6
4.5 × 12 =	4.5 =	K 54.
45 ÷ 9.6 =	9.6 − − 45 =	K 4.6875
78 ÷ 9.6 =	78 =	K 8.125
1500 × 26 ÷ 100 =	1500 × 26 %	390.
3620 + (3620 × 15 ÷ 100) =	3620 × 15 % +	4163.
4750 − (4750 × 4 ÷ 100) =	4750 × 4 % −	4560.
75 ÷ 250 × 100 =	75 − 250 %	30.
(141 − 120) ÷ 120 × 100 =	141 − 120 %	17.5
753 ÷ (1 − 0.25) =	753 + 25 %	1004.
1004 − 753 =		251.
80 × 9 = 720	MC 80 × 9 M+	M 720.
−)50 × 6 = 300	50 × 6 M−	M 300.
20 × 3 = 60	20 × 3 M+	M 60.
480	MR	M 480.
10 ÷ 6 =	"F" 10 − 6 =	1.6666666
	"CUT"	1.66
	"5/4"	1.67
123.45 + 0.78 + 41 − 8.52 =	"ADD$_2$" 12345 + 78 + 41 • − 852 =	156.71

SPECIFICATIONS

CURRENCY CONVERSION FUNCTION

Function: Storage/recall of conversion rates (10), currency conversions
Input characters: 3 each for CURRENCY #1 and CURRENCY #2, 8 digits for rate

CALCULATION

Functions: Addition, subtraction, multiplication, division, constants for +/−/×/÷, memory calculations, percentage calculations including add-ons/discounts and mark-ups, square roots, sign change, 16-digit approximate calculations and various other practical calculations
Capacity: 8 digits
Decimal point: Full-floating, fixed (2) with cut-off or round-off, and ADD mode
Overflow check: Indicated by "E" sign, locking of calculator

GENERAL

Display: Liquid crystal display
Main component: LSI
Power consumption: 0.0009W
Power supply: One lithium battery (CR2016)
Approx. 430 hours on CR2016
Auto power off: Approximately 6 minutes after last key operation
Ambient temperature range: 0°C ∼ 40°C (32°F∼104°F)
Dimensions: 4(H) × 85.5(W) × 54.5(D)mm
(1/8"(H) × 3 3/8"(W) × 2 1/8"(D))
Weight: 30g (1.1oz) including battery

OPERATION	DISPLAY
AC 35 SET 0	"F" $ ▶¥ 0 5950.
+	+ 5950.
43 SET 1	£ ▶¥ + 1 11395.
=	17345.

<DECIMAL MODE>

The symbols F, CUT, 5/4 and ADD_2 are noted to the right of the display. These symbols have the following meaning:

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AC 350 ◀ 0	"F" $ ◀¥ 0 2.0588235
	"CUT" $ ◀¥ 0 2.05
	"5/4" $ ◀¥ 0 2.06

Ex. 2) Convert 78¢ to yen.

OPERATION	DISPLAY
AC 78 SET 0	"ADD_2" $ ▶¥ 0 132.60

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1) Press SHIFT %/SET to specify the SET mode.
2) Press the SHIFT key followed by the key for the memory that contains the data to be modified.
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7) Press the SET key to store the modified data into the memory that contained the previous (unmodified) data.
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DELETION

While in the SET mode, press AC SET, followed by the key for the memory which contains the data to be deleted.

$\sqrt{3} \times 5 =$	$3\sqrt{\times}5=$		8.660254
$12 + 23 =$	$23 + + 12 =$	K	35.
$-45 + 23 =$	$45 +/- =$	K	−22.
$78 + 23 =$	$78 =$	K	101.
$7 - 5.6 =$	$5.6 - - 7 =$	K	1.4
$2 - 5.6 =$	$2 =$	K	−3.6
$2.3 \times 12 =$	$12 \times \times 2.3 =$	K	27.6
$4.5 \times 12 =$	$4.5 =$	K	54.
$45 \div 9.6 =$	$9.6 \div \div 45 =$	K	4.6875
$78 \div 9.6 =$	$78 =$	K	8.125
$1500 \times 26 \div 100 =$	$1500 \times 26 \%$		390.
$3620 + (3620 \times 15 \div 100) =$	$3620 \times 15 \% +$		4163.
$4750 - (4750 \times 4 \div 100) =$	$4750 \times 4 \% -$		4560.
$75 \div 250 \times 100 =$	$75 \div 250 \%$		30.
$(141 - 120) \div 120 \times 100 =$	$141 - 120 \%$		17.5
$753 \div (1 - 0.25) =$	$753 + 25 \%$		1004.
$1004 - 753 =$			251.
$80 \times 9 = 720$	$MC\ 80 \times 9\ M+$	M	720.
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480	MR	M	480.
$10 \div 6 =$	"F" $10 \div 6 =$		1.6666666
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$123.45 + 0.78 + 41 - 8.52 =$	"ADD_2" $12345 + 78 +$		
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Main component: LSI
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Ambient temperature range: 0°C ~ 40°C (32°F~104°F)
Dimensions: 4(H) × 85.5(W) × 54.5(D)mm
($\frac{1}{8}$"(H) × $3\frac{3}{8}$"(W) × $2\frac{1}{8}$"(D))
Weight: 30g (1.1oz) including battery